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## APPENDIX C

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:	)	Docket No.:	2771-546 CIP II
Applicant:	)	Examiner:	DAM, Tuan Quang
Application No.:	)	Art Group:	2122
Date Filed:	)	Confirm. No.:	2238
Title:	)	Customer No.:	
APPARATUS AND PROCESS FOR SENSING FLUORO SPECIES IN SEMICONDUCTOR PROCESSING SYSTEMS			

25559

WRITTEN CONSENT OF ASSIGNEE, ADVANCED TECHNOLOGY MATERIALS, INC., TO  
CHANGE OF INVENTORSHIP UNDER 37 CFR 1.48(a) IN  
U.S. PATENT APPLICATION NO. 10/784,750

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Advanced Technology Materials, Inc. as the assignee of the above-identified application, evidenced by the attached statement under 37 CFR 3.73(b), hereby consents to the requested correction of inventorship concurrently being submitted in this application, in which Frank DiMeo, Jr., Philip S. H. Chen, Ing-Shin Chen, Jeffrey W. Neuner and James Welch were originally identified as the co-inventors, to add Richard Kramer as a co-inventor.

The undersigned hereby states that he has the authority to act on behalf of the assignee in this matter, as Chief Intellectual Property Counsel of the assignee.

It therefore is requested that the U.S. Patent and Trademark Office correct the inventorship records of the above-identified application, to add Richard Kramer as a co-inventor for the application, so that the

inventorship is correctly stated as Frank DiMeo, Jr., Philip S. H. Chen, Ing-Shin Chen, Jeffrey W. Neuner and James Welch and Richard Kramer.

Respectfully submitted,

  
John Boyd  
Reg. No. 38,055  
Chief Intellectual Property Counsel

INTELLECTUAL PROPERTY/  
TECHNOLOGY LAW  
Phone: (919) 419-9350  
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Attorney File No.: ATMI-546 CIP II (7494)

PTO/SB/88 (08-04)

Approved for use through 07/31/2006. OMB 0657-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Advanced Technology Materials, Inc.Application No./Patent No.: 10/784,750 Filed/Issue Date: February 23, 2004Entitled: APPARATUS AND PROCESS FOR SENSING FLUORO SPICIES IN SEMICONDUCTOR PROCESSING SYSTEMSAdvanced Technology Materials, Inc. Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015026 Frame 0487 or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

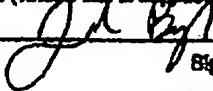
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Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3. If the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

John Boyd

Printed or Typed Name

7/7/05

Date

(203) 794-1100

Telephone Number

Chief Intellectual Property Counsel

Title

The collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 24, 2004

PTAS

ADVANCED TECHNOLOGY MATERIALS, INC.  
WILLIAM F. RYANN, ESQ.  
7 COMMERCE DRIVE  
DANBURY, CT 06810



\*102686267A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 02/23/2004

REEL/FRAME: 015026/0487  
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BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: ATMI-546 CIP-II

ASSIGNEE:  
DIMEO, FRANK, JR. DOC DATE: 02/18/2004

ASSIGNEE:  
CHEN, PHILIP S.H. DOC DATE: 02/18/2004

ASSIGNEE:  
CHEN, ING-SHIN DOC DATE: 02/18/2004

ASSIGNEE:  
NEUNER, JEFFREY W. DOC DATE: 02/18/2004

ASSIGNEE:  
WELCH, JAMES DOC DATE: 02/12/2004

015026/0487 PAGE 2

ASSIGNEE:  
ADVANCED TECHNOLOGY MATERIALS,  
INC.  
7 COMMERCE DRIVE  
DANBURY, CONNECTICUT 06810

SERIAL NUMBER: 10784750 ✓ FILING DATE: 02/23/2004 ✓  
PATENT NUMBER: ISSUE DATE:  
TITLE: APPARATUS AND PROCESS FOR SENSING FLUORO SPECIES IN SEMICONDUCTOR  
PROCESSING SYSTEMS

LENELL MACKALL, SUPERVISOR  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS